

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Fauver, et al.	Confirmation No. <u>6749</u>
Application No.: 10716744	Art Unit: 3768
Filed: 11/18/2003	Examiner: WEATHERBY, ELLSWORTH
Title: METHOD AND APPARATUS OF SHADOWGRAM FORMATION FOR OPTICAL TOMOGRAPHY	
Attorney Docket No.: 60080US	
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	

STATEMENT OF THE SUBSTANCE OF THE INTERVIEW

Dear Sir:

This is a statement of the substance of the interview conducted by telephone on August 26, 2009.

All participants (applicant, applicant's representative, PTO personnel):

- (1) Ellsworth Weatherby (Examiner).
- (2) Long Le (SPE).
- (3) George A. Leone (attorney of record).
- (4) Mark Fauver (inventor).

Claim(s) discussed: 1.

Identification of prior art discussed: Ohyama et al. (USPN 5,680,484).

Agreement with respect to the claims was not reached.

A statement of the interview is included in the following **Remarks** Section beginning on page 2.

REMARKS

**STATEMENT OF THE SUBSTANCE OF THE INTERVIEW**

The interview primarily focused on the teaching of Ohyama et al. (USPN 5,680,484) as compared to claim 1. A comparison of Ohyama with the present invention was presented by Mr. Fauver and Mr. Leone noting that the present invention uses pseudo-projection methods that employ imaging optics to provide an image such that the depth of field is at least as large as the region of interest of the specimen. The present invention involves extending the depth of field by mechanically scanning the focal plane in a continuous manner, and integrating the images onto a detector during a single exposure. In contrast, Ohyama does not use pseudo-projection methods, but simply assembles discrete focal-plane scans into a 3D image with additional sampling errors from reconstructing from a set of projections. Examiner Long Le requested more explanation of the term "pseudo-projection" be added to the response when filed.

Respectfully Submitted,

September 1, 2009  
Date

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